



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: **Second Tuesday** of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the **third Tuesday** of each month.
- On the **fourth Tuesday** of every month, in-person meeting at Ridge Road Baptist Church where there will be project tables, demos, snacks, and socializing.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<https://www.rars.org/public-service.php>

frequently for our ham public service schedule.

RARS General Meeting

Date: March 10, 2026

Topic 1: RARSfest 2026

By: Nancy Torborg KB2TNR.

Topic 2: RARS Awards

By: Bob Starkenburg W4TTX

Where: Ridge Road Baptist Church

Time: In-Person and Zoom Meeting at 7:30 PM, [More info at RARS.org](https://www.rars.org)

RARS In Person Gathering

Date: March 24, 2026

Where: Ridge Road Baptist Church

Time: 7:00 PM

In-person Gathering at Ridge Road Baptist Church where there will be project tables, demos, snacks, and socializing.

RARS Officers

PRESIDENT

Tony O'Connor
K1OC
president@rars.org

VICE PRESIDENT

Chuck Till
K4RGN
k4rgn@outlook.com

SECRETARY

Josh Kurland
KR4BTW
904-318-3651
joshkr4btw@gmail.com

TREASURER

Greg Seamster
KE4PAX
919.859.0029
KE4PAX@arrl.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Regular dues for licensed amateurs are \$18 per year. (From July 1 through June 30.) Additional licensed immediate family members pay \$5 each per year. Dues for licensed full-time students and licensed seniors 60 and over are \$12 per year. Unlicensed individuals may become associate members for \$9 per year. Applications for membership are available from the treasurer or on the RARS web site.

<https://www.rars.org>

EXciter

The **EX**citer is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The **EX**citer welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's **EX**citer is the Saturday that is ten days before the general meeting. All submissions must be final. Drafts are not accepted.

The views expressed in the **EX**citer are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

President's Message for March 2026

The unofficial hamfest season unofficially kicked off the weekend of Valentine's Day with [HamCation](#) in Orlando. Yes, there were local hamfests before mid-February, but I think of the season as starting with HamCation, the second largest of the "big three" hamfests in the US, and ending with [JARSfest](#), a small, local but very friendly hamfest in November.

Despite having been a ham for 16 years at the time, I had never been to [Hamvention](#) until last May. Hamvention (also known as "Dayton" even though it is in Xenia) is probably the largest hamfest in the world, certainly the largest in the US, boasting an attendance of over 35,000. Three huge, hangar-like buildings for the commercial vendors, two smaller buildings for exhibitors (such as [RARSfest](#)), three large rooms for forums, and a flea market the size of the infield of a racetrack, because that's where it is, and more. Two and a half days was barely enough time to see everything once. I wasn't able to go to Huntsville, Alabama, last August for the third largest hamfest in the US, known simply as "Huntsville" or the "[Huntsville Hamfest](#)," but I vowed to make it to HamCation in Orlando in February 2026, which I did.

Jeremy K2HJX and I caravanned down to Orlando with Nancy KB2TNR and her husband, Tadd KA2DEW, to attend HamCation, which claims an attendance of about 25,000 over three days. Nancy, our [RARSfest](#) chair, travels to other hamfests to promote [RARSfest](#) and learn from other events how we can improve ours. Tadd, Jeremy, and I helped staff the [RARSfest](#) booth and spoke to vendors, dealers, and attendees about [RARSfest](#). It seems we picked up a new dealer or two and firmed up several others while we were at HamCation. We also ran into [RARS](#) members Stephen NY4NC and Chuck WJ4A.

Hamfests are great places to see new products on display, pick up the odd connector or two, find bargains in the flea markets (if you know what you're looking for or go with someone who does), but mostly they're great places to meet up with other like-minded amateur radio operators. At Dayton last year, I ran into a buddy from my Connecticut club I hadn't seen in a dozen years, and I picked up an old Heathkit manual tuner for a song!

So, if you haven't been to one of the "big three" – Hamvention, Huntsville, or HamCation – or you haven't been in a while – I urge you to check out at least one of them this year (or early next year). But don't forget the local hamfests, either. The [RARS](#) homepage lists [upcoming hamfests](#) within reasonable driving distance from the Triangle. And if you haven't been to [RARSfest](#), which we can rightfully claim as the largest all-indoor hamfest on the East Coast, or you haven't been in a while, there really is no excuse. It's in your back yard on April 4th this year!

January 13, 2026 RARS meeting

President Tony O'Connor, K1OC, called the meeting to order at 7:30 pm. He reminded Zoom participants of a few notes about using Zoom. See the minutes for all the details during the meeting on [page 24](#).



Tony O'Connor, K1OC, starting the meeting



We are in a different room tonight. The normal room has construction updates.

February 10, 2026 RARS meeting, continued



Door prize winners, left to right.
Arash Manafirad, KR4GOJ; Murray Merner, K4MHM; Randy Mills, KO4LDZ



Marty Young, W4MY NC QSO party

February 10, 2026 RARS meeting, continued



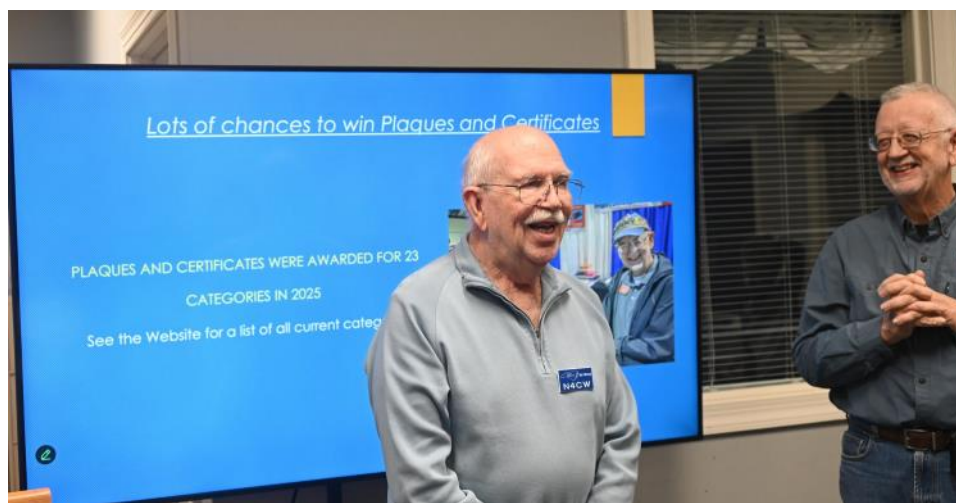
[North Carolina QSO Party – March 1,
2026 – 10am – 8pm EST](https://ncqsoparty.org/)

<https://ncqsoparty.org/>

Tadd KA2DEW

On Sunday March 1, 2026 KB2TNR and I are hosting the RARS sponsor NCQSO 2026 party station and social event from 9am until 9pm.

There is more information in the RARS discord. You can navigate to it via the [RARS website](#). On the left is the 12th box down from the top.



Bert, N4CW, talking about his experience last year.

Mobile: Bert, N4CW, and Jim, W4TMO, teamed up 2025. They were at the pinnacle of the mobile category list traversing 28 counties. Some serious driving and operating ... 1,179 QSOs in total. That's 10 hours of driving and riding.

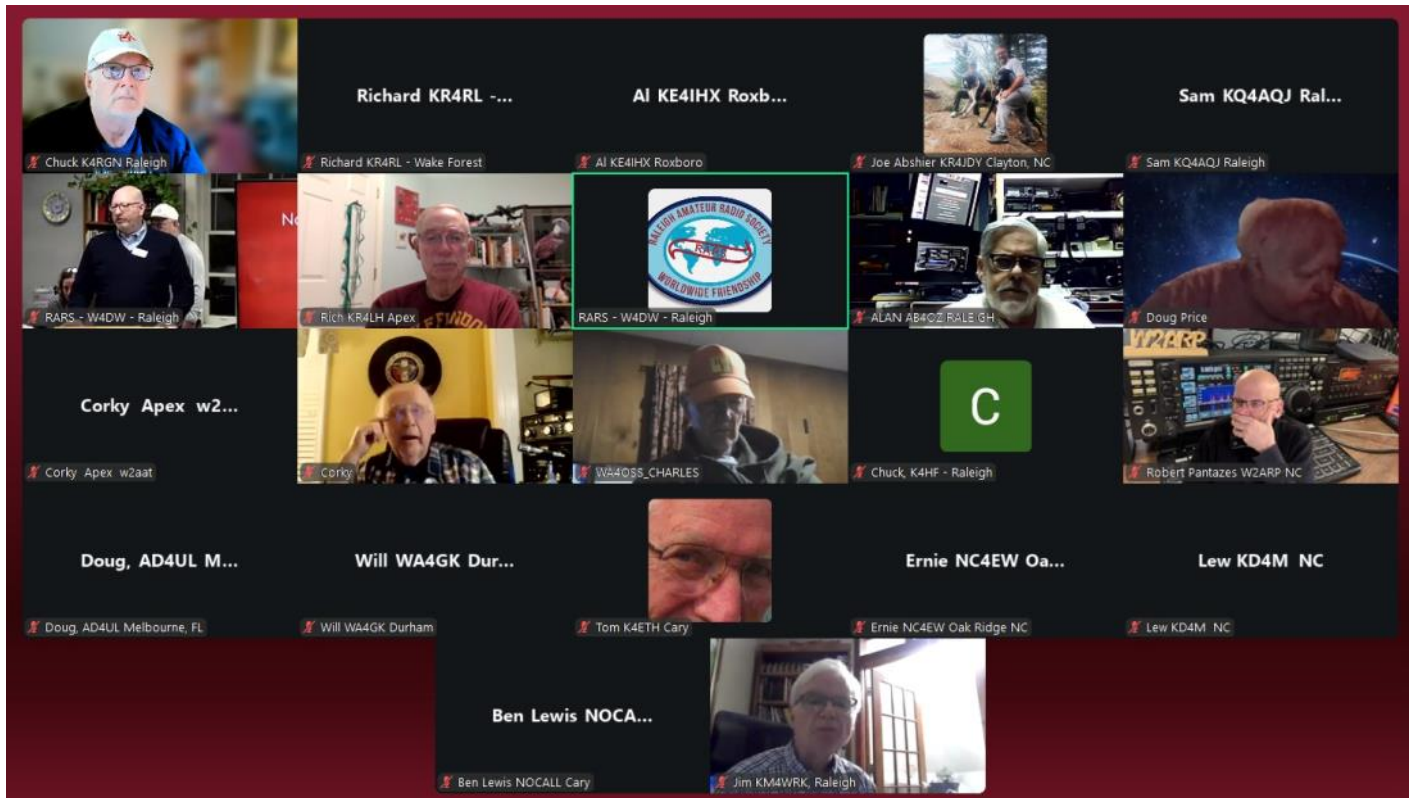
February 10, 2026 RARS meeting, continued

Full Name	Call Sign	Full Name	Call Sign
Arash Manahirad	KR4GOJ	John Edgerton	KQ4RLM
Barry Wheeler	K9IUT	John Hollowell	K4JAH
Ben Lewis	NOCALL	John Honeycutt	N8ZU
Bert Michaud	N4CW	Jon Griffiths	W6PI
Bill Berzinskas	WW1H	Josh Kurland	KR4BTW
Billy Janke	KE4VNC	K Farmer	KQ4TIF
Brantley West	K4CBW	Ken Latchum	AD4GX
Bruce Sherman	KI4PAC	Kim Johnson	KM4TH
Carl Lindner	KM4GBE	Lawrence Riley	KR4BGL
Charles McComas	KY4HU	Marty Young	W4MY
Charles Swindell	WB4DCM	Matt Nash	KR4JGE
Dale Jones	WA4JCK	Michael Johnson	KZ4LY
Dan Stancil	WY3O	Mike Joondeph	N1JDW
Daniel Berzinskas	KQ4GOB	Murray Merner	K4MHM
David Crawford	KF4VXJ	Nancy Torborg	KB2TNR
David Leu	W4LEU	Neal Atlow	KR4HBQ
Debbie Garland	KR4BTK	Nick Baker	W4NAB
Dennis Keith	NC4DK	Randy Chellis	KR4BUR
Dennis Mason	WZ0Q	Randy Mills	KO4LDZ
Denny Oestreich	KO4IBL	Richard Kroeger	N1FUA
Fin Gold	NC4FG	Rob Starkenburg	W4TTX
Frank Scaraglino	KA2FWC	Ryan Reed	N7RYN
Hans Enders	KQ4UXZ	Tadd Torborg	KA2DEW
Jay Gilleece	KQ4PSK	Tom Lewis	N4TL
Jeff Ryder	KR4HHK	Tony O'Connor	K1OC
Jeremy Lindsley	K2HJX	Wilbur Goss	WD4RDT
Joe Haggertey	N4BJH	Will Jaber	WY5L
Joe Spratt	W4DAZ	Willow Evers	KR4JED
John Boiling	NC4TT		

57 people signed in at the meeting

See the next page for the people on zoom.

February 10, 2026 RARS meeting, continued



Zoom screen capture during the meeting.

57 People attended in person plus 20 on zoom.

77 total

February 2026 RARS Net Report

28 2m nets: 354 checkins, 739 minutes duration
4 6m nets: 47 checkins, 60 minutes duration

Julie McCrary, KT4JR,
RARS net manager

RARS MONTHLY SUPPER, IHOP Restaurant FEBRUARY 17, 2026



Names, starting left front and clockwise around the picture.

Andrea Buttine; Bob Starkenburg, W4TTX; Ken Latchum, AD4GX;
Chuck Littlewood, K4HF; Dale Jones, WA4JCK; David Crawford, KF4VXJ;
Dennis Mason, WZ0Q; Tom Lewis, N4TL; Bob Chew, K4YXM;
John Honeycutt, N8ZU; Tom Schwartz, NC4TS; Chris Buttine, KC1GN.

RARS meets for a monthly dinner on the third Tuesday of each month. We meet at the iHop restaurant, 6:30PM. Its on the corner of 6 forks road and Sawmill RD. [7471 Six Forks Rd.](#)

Monthly In-Person RARS Gathering, February 24, 2025

Ridge Road Baptist Church, at [2011 Ridge Road, Raleigh](#)



RARS Gathering pictures copied from RARS Discord

Monthly In-Person RARS Gathering, February 24, 2025

Ridge Road Baptist Church, at [2011 Ridge Road, Raleigh](#)

Full Name	Call Sign	Full Name	Call Sign
Anthony Malangone	no call	Johnson, Michael	KZ4LY
Barron, Jim	N4CVT	Joondeph, Mike	N1JDW
bill berzinskas	N1JDW	Kristopher Garbutt	KR4JFB
Bill Schmidt	N0FSD	Kurland, Josh	KR4BTW
Bowser, John	no call	Latchum, Ken	AD4GX
Bowser, Rob	KO4HUI	Lewis, Tom	N4TL
Brown, Andrew	KR4HRA	Manafirad, Arash	KR4GOJ
Daniel Berzinskas	KQ4GOB	Mason, Dennis	WZ0Q
Daniel L'Hommedieu	KD4UNX	Mays, Chuck	WB4TNC
DeMott, Brian	no call	Merner.Murray	K4MHM
Diaz-Castro, DC	WP4TGK	Nutt, Mike	K3LOE
Edds, Matt	KZ4RP	Nutt, Otis	WSG03
Fin Gold	NC4FG	OConnor, John	KN4JJV
Frega, Carl	KN4QQU	OConnor, Jr., Tony	K1OC
Gordon, Darrell	W4CX	Packard, Ben	K4ME
Goverman, Grace	no call	Quincy Garbutt	KR4JEZ
Gridley, Dan	no call	Raybern, Justin	KS2RDU
Gridley, Owen	no call	Riley, Lawrence	KR4BGL
Haffly, Stephen	NY4NC	Royster, Julie	KT4JR
haggerty, joe	N4BJH	Scott Morris	KG4ZYA
Hall, Rich	KR4LH	Sherman, Bruce	KI4PAC
Hollowell, John	K4JAH	Slack, Carl	N4BBA
Honeycutt, John	N8ZU	Spratt, Joe	W4DAZ
Jaber, Will	WY5L	Starkenbug, Bob	W4TTX
Jack Marinello	no call	Swindell, Charles	WB4DCM
Janke, Billy	KE4VNC	Thurber, Tim	WX4TIM
JEREMY LINDSLEY	K2HJX	Torborg, Nancy	KB2TNR
Jesse Simpson	KR4HYW	Torborg, Tadd	KA2DEW

RARS Gathering attendees copied from RARS Discord

56 people signed in



HAMFEST HOTLINE – MARCH 2026

⇒ **One Month Until RARSfest — Let's Make This One the Biggest Yet**

RARSfest is now just **one month away**, and if the momentum we saw at Orlando Hamcation is any indication, this year is going to be extraordinary.

We signed several new dealers — but even more exciting was how many attendees and vendors already knew about RARSfest and had heard glowing reports. Our event's reputation is spreading far beyond our region, and that only happens because of the dedication, enthusiasm, and hard work of our members.

In short: people are coming because of what *you* have built.

⇒ **Have You Locked In Your Ticket Yet?**

Early Bird pricing ends **March 28** — and after that:

- Tickets are sold **only at the door**
- You'll pay more
- You'll wait in a long line
- You'll wish you had taken 60 seconds to buy early

Do your future self a favor: secure your ticket now and walk straight in on event day.

Early Bird purchasers are automatically entered into a drawing for an **ICOM IC-2730A** mobile dual-band radio — a pretty great reward for simply planning ahead.



Prefer to buy in person? Tickets are also available at:

- The March 10 RARS General Meeting
- The March 24 Gathering

Thinking “Maybe I Should Volunteer This Year...”?

Yes. You should. ☑

RARSfest runs on volunteers, and being part of the team transforms the experience from “attending an event” to **making it happen**.

Volunteers who register in advance are entered into a special drawing for a

YAESU FT-70DR dual-band HT — and that’s just the beginning.



When you volunteer online, you'll receive:

- Complimentary admission (*not prize-eligible*)
- Entry into the Volunteers-Only raffle
- A limited-edition event T-shirt
- Insider satisfaction that comes from helping run the region's largest hamfest

There's a unique pride in looking around at a packed venue and knowing, "*I helped make this happen.*"

♦ Claim your shift here:

<https://www.signupgenius.com/go/10C0B4FA8A728A1FACF8-61973563-rarsfest#/>

♦ **A Major Perk: Volunteer Consignment Table**

Volunteers may sell a reasonable number of items at the consignment table operated by the **Raleigh Amateur Radio Society** — without the cost or hassle of renting and staffing your own table.

- ♦ Open to members and non-members
- ♦ Must volunteer for at least one shift
- ♦ One of the easiest ways to clear out surplus gear

Members wishing to consign items may register in advance. Questions? Contact **Tom Lewis**.

♦ **This Is Our Event — Let's Show Up Like It**

The dealers are coming.

The word is out.

The region is watching.

Now it's time for the people who built RARSfest to do what they always do: **show up early, pitch in, and make it unforgettable.**

Buy your ticket.

Grab a volunteer slot.

Invite a friend.

Let's make this the year everyone talks about.

P.S.

If you show up at the door, pay more, and stand in a long line... we will still be glad to see you — but we'll also know you ignored this message.

RARS Member Birthdays

Pete	NL7XM	03/
Shaun	N9LMS	03/01
Carl	KJ4WD	03/01
Scott	KQ4KVV	03/01
Marty	W4MY	03/02
Patrick	K4EEVB	03/03
Karl	W4CHX	03/06
Don	KR4ANY	03/07
Rich	KR4AS	03/08
James	AJ4M	03/08
Ben	K4ME	03/10
Josh	KQ4RBO	03/10
Brian	KR4KDJ	03/11
David	KF4VXJ	03/12
Bob	WA4ZZN	03/12
Pam	KK4IPN	03/13
Ernie	N4AEW	03/14
Tom	K4ETH	03/14
Walter	N4SW	03/14
Chris	KQ4TBN	03/15
Callen	KQ4QWY	03/17
Paul	KO4PZA	03/17
Roger	K4KLK	03/17
Ernie	NC4EW	03/19
Murray	K4MHM	03/20
Chuk	KB4MDZ	03/21
John	W2KI	03/22
Bill	AF4JG	03/22

RARS Member Birthdays

Greg	KE4PAX	03/23
John	KN4JJV	03/24
Edward	WQ2X	03/25
Mel	KJ4MDC	03/25
George	N2VEH	03/27
John	AF4ZE	03/30
Neil	KM4JEL	03/31
Alexander	KR4ESQ	03/31

RARS New Members

John Snowden	KR4JKI
Mark Hammond	N8MH
Arash Manafirad	KR4GOJ
Bert Michaud	N4CW
Tenzin Sherpa	KR4AHD
Matt Nash	KR4JGE
Jim Briggs	WB2HDM
Ivan Waldorf	KN4IWR
Grace Goverman	KR4KDW
Brian DeMott	KR4KDJ
Jesse Simpson	KR4HYW
Ben Koch	KR4KCM

RARS NC QSO Party Club Station and Open House 2026

By Tadd KA2DEW

The results : 2m + HF phone: 622 Qs. 67 Counties. 45 states + NC

I don't have the digital log yet. We think 110 FT8/4 Qs.

Nobody operated CW.

Over 20 hams for the contest.

The details:

Nancy KB2TNR and I (Tadd KA2DEW) hosted a party at our house on Sunday March 1, 2026 from 8:30AM to 9:30PM.

K3PMH, W4EIP, KE4VNC, NC4FG, K1OC, NY4NC, KO4PZA and I spent many hours clearing trees and brush, shooting trees for ropes, and doing magic to hang a new 75m dipole and the 20m dipole. The plans I had for both antennas didn't work out so the work was 2x as difficult as it might have been, but the 75m antenna is fantastic. We added or replaced over a quarter mile of rope, adding several pulleys and a hundred feet of coax. We also used some of the club-loaner coax for the 20m dipole and the SpoolTenna.

The station consisted of the club's Yaesu FT2800M 2m radio, plus Yaesu FTdx10 radios from Bob W4TTX, my (KA2DEW) radio, and two of the club loaner FTdx10 radios.

We had my old Alpha Delta fan dipole 10-20-40-80, a new full size 75m dipole, a temporary 20m dipole, and W4TTX's SpoolTenna. We also had Doug N3LTV's old Comet F22 2m omni 60 feet up in a tree.

Though the NCQSO Party rules specify that we can only operate two transmitters to compete for a contest category, we operated as a sponsoring club station, and were not eligible to win, but we were able to hand out over 700 QSOs.

The RARS NC QSO Party station was wildly successful by all measures. We averaged over one QSO per minute. Everyone who wanted to operate had the chance to do so.

RARS NC QSO Party Club Station, continued

Operating the contest, hospitality, and taking it all in were:

Nancy KB2TNR, Tadd KA2DEW, Bob W4TTX, Ryan N7RYN, John K4JAH, Joe W4DAZ, Arash KR4GOJ, Tony K1OC, Deb KR4BTK, Randy KR4BUR, Andrew KR4HRA, Neal KR4HBQ, Mike N1JDW, Jeremy K2HJX, Steven NY4NC, Tony KR4DLO, Ken AD4GX, Dave W4EIP, Dave W4OFO, Daniel KQ4GOB, Bill WW1H, Josh KR4BTW, Joe K4SAR

The 2m station was on in the TV room with it's N1MM logging computer mirrored onto the TV. We had comfy seating in the TV room, and 4 chairs at the kitchen table for cookies, donuts, chips, energy bars and gorp.

The downstairs HF station was in Nancy's office on a big library table. We had a few extra chairs and two huge computer monitors repeating the 20m FTdx10's display and the logging computer. This station was sometimes used by first time testers and sometimes with aggressive pursuit of fastest Q-rate. The 20m station had a headphone splitter with an additional headphone set.

Bob W4TTX's radio, at the other end of the table, was on Bob's Spooltenna at the other end of 100 feet of coax. That station has a laptop close to the radio so the operator could log. Both stations had tester headphones with built in boom mikes.

Upstairs we had two stations on the opposite workbenches in my hamshack/work-room. The left side of the room was the radio hooked permanently to the 75m full-size dipole and had two monitors mirroring the FTdx10 display and its logging computer. The right side of the room was Ryan N7RYN's digital FT8 station hooked to the Fan Dipole.

The antennas and radios worked very well. The only problem we had during the operation was some interference between the Spooltenna on 40m with the near-by dipole on 20m but not all the time? I don't know how they solved it.



Pictures from TADD KA4DEW, There are many more pictures on the RARS Discord website.

Click here —> [\(2\) Discord | "NC QSO Party Club Station 2026" | RARS](#)

RARS NC QSO Party Club Station, continued

There were over 20 people at the house, up to 12 at a time. At lunch we sent out for 9 Jersey Mikes Subs and at dinner time we ordered 3 large Jet Pizzas.

Parking on Salisbury Plain worked out great. It was a really long walk to the furthest car though!

Next year:

I want to permanently mount a 20m dipole across the front of the property, as close to the road as the trees allow. For 2026 the dipole was inconveniently diagonally hung across the front yard with the coax dropped down into the middle of the walk to the front door. Since Bob's Spooltenna was across the front by the road, we'll change that out with a dedicated 40m half wave end-fed mounted vertically on a tree at the house-end of the driveway.

We'll do the same kind of thing as we have at the church. This, hopefully, will not interfere as much with the 20m station and by being vertical, we might have even more isolation to the three horizontal antennas. Also, we can be set up long before the QSO party and not have so much work to do to prepare.

73 Tadd

Upcoming Hamfests

Copied from <https://www.qrz.com/db/AB4OZ> and other places on the internet.

Charlotte Hamfest, March 6, 3PM to 7pm, March 7, 8:30AM to 3PM.

Location: Cabarrus Arena & Events Center – Gold Hall

Address: 4551 Old Airport Road, Concord, NC 28025

The Next free **AB4OZ HAMFEST** will be SATURDAY, MARCH 14, 2026. Setup at 9:00 am. Start at 9:30 am. Ridge Road Baptist Church, 2011 Ridge Rd. Raleigh, 27607

RARSfest April 4th, [RARSfest - The Raleigh Hamfest](#)

HAM Radio Lunch

Every Thursday at the New York Diner
909 McKnight Drive, Knightdale, NC 27545
February 26, 2026, 11 AM



Names clockwise around the table.

Dennis Mason, WZ0Q; Alan Pitegoff, AB4OZ; Dave Wood, W4EJ; Charles Strickland, WA4OSS; Walt Chambers, K4ZVK; Chuck Littlewood, K4HF; Lou Demko, W3LPR; Ken Latchum, AD4GX; Matt Jones, KN4VTT;



Denny Oestreich, KO4IBL; Charles Swindell, WB4DCM; Tom Lewis, N4TL; Joe Owen, K4HEW

Digital TV broadcasters in Wake County

By Chuck Till, K4RGN

Part III

In the last two Exciters, I have written about ATSC 1.0 and 3.0 and provided current information about ATSC 1.0 signals in the Raleigh area.

At the moment there are only two ATSC 3.0 transmitters in the Raleigh area. One is operated by WRDC on physical channel 14, and the other is operated by WNGT (a subsidiary of Capital Broadcasting which owns WRAL) on physical channel 23. Both are located in Garner. Here are the feeds being carried:

Physical channel 14: Display channels 11.1 (WTVD ABC), 17.1 (WNCN CBS), 22.1 (WLFL CW), 28.1 (WRDC), and 40.1 (WUVC Univision).

Physical channel 23: Display channels 4.1 (WUNC PBS), 5.1 (WRAL NBC), and 50.1 (WRAZ FOX).

In other words, all the major over-the-air networks are available now on ATSC 3.0. This is the "Lighthouse" approach to facilitate an orderly migration to ATSC 3.0. However, most if not all of the secondary feeds of local broadcasters remain on ATSC 1.0 only.

I assume that the ATSC 3.0 transmission of WRAZ is in high definition, but I do not know this to be true. If it is, this is the way to get Carolina Panthers football in high resolution over the air.

Another factor to consider in ATSC 3.0 is that broadcasters have the option to use Digital Rights Management. If DRM is turned on, only a DRM-capable ATSC 3.0 receiver can decode the stream -- and the receiver must have an active Internet connection to use DRM. Most ATSC 3.0 receivers and converters on the consumer market today do not support DRM, so be careful about what you buy. There is great controversy about over-the-air DRM at the moment, and no one knows how it will shake out. The only local broadcaster, so far, that has chosen to encrypt its ATSC 3.0 stream is 17.1, the primary feed from WNCN.

One final word of caution: when the FCC stated its rules for the migration from ATSC 1.0 to 3.0, it required broadcasters to make their primary feeds available on both ATSC 1.0 and 3.0. The FCC is considering a change to drop this requirement.

RARS Classifieds

Copied from <https://www.rars.org/classifieds.php>

The items below were listed within the last 30 days on the RARS website.
Check the RARS Classified List on the RARS website regularly for new items.

MFJ- 1621 Portable 40-10 M Antenna

Posted February 15th, 2026 by: [W4YGM](#)

Contact: [W4YGM](#)

toonguy84@gmail.com

Used once. As new, in original box with manual and 50 feet RG-58 coax. 200 watts power handling capability. Paid \$150 new, sell for \$80 CASH. email or text me at 919.264.2208 W4YGM - Jim

Motorola PMMN4046AL IMPRES Remote Speaker Microphone OEM

Posted February 15th, 2026 by: [W4BMX](#)

Contact: tonylaszlo@hotmail.com

For Sale a like new Motorola PMMN4046AL Speaker Mic. Amazing sound. Used it with my XPR7550e then sold the radio.

\$50

Please see below for additional information.

Regards,

Tony

Motorola PMMN4046AL conveniently clips to your shirt pocket or lapel and enables easy communication without having to remove the radio from your belt. This large remote speaker microphone is easy to operate even while wearing gloves and features IMPRES audio which optimizes your audio when operating in noisy environments.

The windporting feature is specifically designed for windy outdoor environments and dramatically reduces the noise caused by howling winds and harsh weather. Volume control, emergency button and programmable button give you convenient access to critical features.

RARS Classifieds continued

SKU PMMN4046AL

Listed Under The Following Manufacturer Part Numbers PMMN4046, PMMN4046A, PMMN4046AL
Brand Motorola

Compatible Motorola Radios APX 2000, DP3400, DP3401, DP3600, DP3601, DP4400/DP4401, DP4600/
DP4601, DP4800/DP4801, MTP830 S, MTP850 S, XPR 6100, XPR 6300, XPR 6350, XPR 6380, XPR 6500,
XPR 6550, XPR 6580, XPR 7350, XPR 7380, XPR 7550, XPR 7580

For Sale: Xiegu G90

Posted February 15th, 2026 by: [W4BMX](#)

Contact: tonylaszlo@hotmail.com

For Sale:

Xiegu G90. Only a few months old with all the accessories it came with plus after market large tuning knob and some items I 3D printed for it. You are welcome to test it out. Pictures upon request.

\$350

Regards,

Tony

(919) 961-1813

Xiegu X6100 (New]

Posted February 11th, 2026 by: W4YGM

Contact: [W4YGM](#)

toonguy84@gmail.com

Purchased with intent of doing POTA, but no time. Made one contact from my shack just to make sure it worked. No software upgrades performed. Still has original screen cover on. nice QRP rig 6-160M. 5/10 watts out, built in antenna tuner. Price includes box, manuals, charger, etc... PLUS custom fit hard case & 110 page Radio Today guide for the X6100. \$360.00 cash. Email or text me @ 919.264.2208 Jim W4YGM

RARS Classifieds continued

Tait TM8105 (TM AB14 - H501) 450 to 470 radios

Posted February 8th, 2026 by: KA2FWC

Contact: [KA2FWC](#)

ka2fwc@bellsouth.net

Is there any interest in Tait TM AB14 - H501 450 to 470 radios? I have access to about 10 or 11 of these
He is asking \$20 for them

Looks like there is a lot of info on them at [groups.io/g/tait](#) & [support.taitradio.com](#)

Let me know if there is any interest

Frank

show-and-tell at May 12 general membership meeting

For the May 12 general membership meeting, we would like to bring back an old favorite at RARS meetings of the past: show-and-tell. Members will be invited to bring in their projects, large or small, and give either a brief demonstration or a brief talk about them.

I need someone to coordinate the signups and act as emcee for the program. Please email me at k4rgn@outlook.com.

Chuck Till

Minutes, Board of Directors Meeting

Raleigh Amateur Radio Society

February 3, 2026

7:05 PM on Zoom

- 1) Call to Order – Tony O’Connor K1OC
- 2) Quorum Call – Josh Kurland KR4BTW confirmed there was a quorum. Board members present were:
 - Tony O’Connor K1OC,
 - Chuck Till K4RGN,
 - Greg Seamster KE4PAX,
 - Josh Kurland KR4BTW,
 - Brad Bazemore KK4PWJ,
 - John Hollowell K4JAH,
 - Bob Starkenburg W4TTX,
 - Tom Lewis N4TL,
 - Nancy Torborg KB2TNR,
 - Chuck Littlewood K4HF,
 - Marty Young W4MY,
 - Will Gwaltney WA4GK,
 - Ryan Reed N7RYN,
 - Jeremy Lindsley K2HJX
 - Alan Pitegoff AB4OZ
 - Fin Gold NC4FG.
 - Tadd Torborg KA2DEW
- 3) President O’Connor asked for a motion to approve the minutes from the Minutes from the January 2026 Board Meeting. The motion was made, seconded, and approved.
- 4) Old Business
 - ♦ By-Laws Amendments

RARS Board of Directors Meeting minutes continued

- i. President O'Connor addressed the need to revise the club By-Law's to change the notification of proposed changes to the by-law's from mail to email. The wording of the current by-laws is ambiguous. Several members discussed the idea of sending an email notice where club members can opt to not receive physical mail notifications.
- ii. President O'Connor then discussed the proposal to change the quorum count for general membership meetings from 10% to 5%.
- iii. Several board members discussed the idea to remove the requirement for committee chairpersons to also hold board positions and to open up more at-large director positions to be made available to anyone in the club.

5) New Business

- ◇ President O'Connor received an email from Carl Davis W8WZ discussing the use of Sander-son High School for licensing classes.
- ◇ President O'Connor raised the concern about a lack of control over the 146.64 repeater. John Hollowell K4JAH informed the board of the approximate cost to replace the outdated controller with a known model used on other club repeaters.

6) Officer's Reports

- ◇ **Vice-President's Report** – Chuck Till K4RGN

Programs are booked through May and are recruiting for July through December.

May is show and tell, and Chuck placed an ad in the Exciter looking for a coordinator and host. The speaker for August will be a local Flex Radio Systems employee to do a live demo of their Aurora transceiver.

- ◇ **Treasurer's Report** – Greg Seamster KE4PAX

RARS currently has 530 members including 15 who are not licensed.

- ◇ **Secretary's Report** – Josh Kurland KR4BTW

The Minutes are up to date.

7) Committee Reports:

- **Net Manager** Julie Royster KT4JR
- **Public Service Director** Jeremy Lindsley K2HJX

Jeremy is getting ready for this year's service program and has been soliciting for a new schedule and a callout for volunteers. There are currently no plans to support the Tobacco Road Marathon on March 15th.

RARS Board of Directors Meeting minutes continued

- **Education Director** Brad Bazemore KK4PWJ
The main course material is in a draft state and there are three people willing to co-instruct. The class will be held in March with testing at RARSfest, but the location is still to be decided. There are no active plans for a Fall class.
- **FM Repeater Chair** John Hollowell K4JAH
The Repeaters committee has compiled a list of the tallest buildings in Raleigh and are reaching out to see if they are amenable to hosting club repeaters. The Eastern in North Hills has a temporary repeater to test various conditions.
- **Club License Trustees** Bob Starkenburg W4TTX
Bob proposed a list of members to be recognized for their contributions to RARS.
- **EXciter Editor** Tom Lewis N4TL
The next EXciter edition is in progress.
- **RARSfest Chair** Nancy Torborg KB2TNR
Constant contact messages have gone out on various social media platforms and email.
- **Food Service Chair** OPEN
- **ARRL Liaison** Chuck Littlewood K4HF
- **NC QSO Party Chair** Marty Young W4MY
Sponsorships are arranged and Marty is coding LogBot. Marty and Tadd KA2DEW will present at the General meeting.
- **Field Day Chair** Marty Young W4MY *pro tem*
Marty is recruiting for station leaders and is planning on placing a large emphasis on digital modes.
- **RARS VE Coordinators** Richard Hall KR4LH
- **RARS Webmaster** Will Gwaltney WA4GK
The RARSfest site is up.
- **Youth Chairman** OPEN
- **At Large Director** Alan Pitegoff AB4OZ
- **At Large Director** Tadd Torborg KA2DEW
- **At Large Director** Ryan Reed N7RYN
- **Past President** Fin Gold NC4FG

RARS Board of Directors Meeting minutes continued

8) Other reports or questions

John K4JAH raised concerns with the church Fellowship hall renovations.

9) Adjournment

President O'Connor asked for a motion to adjourn the meeting. The motion being made and seconded and approved, the meeting was adjourned at 8:01 pm.

Respectfully submitted,

Josh Kurland KR4BTW, Acting RARS Secretary

MINUTES

RARS Club Meeting

February 10, 2026, 7:30 PM

1. Call to Order and Welcome – President Tony O’Connor K1OC called the meeting to order at 7:30 pm. He reminded participants of a few tips about using Zoom.
2. Opening Comments - Tony O’Connor K1OC
 - a. Upcoming events:
 - i. RARS Dinner - Tuesday, February 17
 - ii. The Gathering -Tuesday, February 24.
 - iii. Board Meeting - March 3 on Zoom.
 - iv. ARRL Field Day (June 27-28) - Marty W4MY is in need of a co-chair.
3. President O'Connor recognized visitors and new members.
4. Vice President’s Report or announcements – Chuck Till K4RGN

Chuck announced that our March program speaker will be Nancy Torborg KB2TNR on RARS-*fest* 2026. Chuck is recruiting speakers for July through the end of the year.
5. Secretary’s Report or announcements – Josh Kurland KR4BTW

The minutes are up to date. Josh informed the membership about the passing of Frank Weiss KY4W.
6. Treasurer’s Report or announcements – Greg Seamster KE4PAX

No announcement.

RARS General Membership Meeting minutes continued

7. Specific Announcements or Reports from Directors

a) Jeremy Lindsley K2HJX - Public Service

Jeremy explained the RARS Public Service program and the 2026 schedule has been posted. For more information visit hpsnc.org.

b) Nancy Torborg KB2TNR - RARSfest Tickets

Tickets are on sale now and volunteers are needed. For more information visit rarsfest.org.

c) Tadd Torborg KA2DEW

Tadd reported another great New Ham meeting for February.

8. Quorum Call: in-person + Zoom: President O'Connor asked standing secretary Josh Kurland whether a quorum was achieved, and he confirmed that there was a quorum (and one lost Coin collector again!).

9. Approval of Club Meeting Minutes: President O'Connor asked for a motion to approve the minutes for the RARS meetings for January 2025. The motion was made, seconded, and approved.

10. Door Prize Drawing - Tony O'Connor K1OC

President O'Connor supervised the drawing of tickets for three door prizes. The prizes were a set of hex wrenches, the ARRL Antenna Handbook 24th Edition and two tickets to RARSfest. The winners were: Arash Manafirad, KR4GOJ; Murray Merner, K4MHM; Randy Mills, KO4LDZ.

11. VP Chuck Till, K4RGN to introduce the program,

NC QSO Party

Presented by Marty Young W4MY and Tadd Torborg KA2DEW.

12. Following the program President Elect O'Connor asked for a motion to adjourn. The motion was made, seconded, and passed unanimously. The meeting was adjourned at 8:22 pm.

Respectfully submitted,

Josh Kurland KR4BTW, RARS Acting Secretary